

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		diversity and (compos\$4 same add\$4 same averag\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:15
L1	11	(US-6021125-\$ or US-6219550-\$ or US-6256484-\$ or US-5719871-\$ or US-6792258-\$ or US-6728919-\$ or US-6320852-\$ or US-6757524-\$ or US-6421543-\$ or US-6473473-\$ or US-6167243-\$).did.	USPAT	OR	OFF	2006/06/12 17:26
L2	9	1 and (add\$3 sum\$3 averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 18:28
L3	8567	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and (add\$3 sum\$3 averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 18:29
L4	5278	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and (averag\$3 mean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 18:29
L5	97	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with waveform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 18:35
L6	191	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with (signal adj (amplitude level)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 18:37
L7	16	("455"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls.) and diversity and ((averag\$3 mean) with (signal adj (amplitude level)) with (combin\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 18:38

## EAST Search History

S1	2320	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:48
S2	635	455/137,273.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 14:00
S3	419	455/137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 14:09
S4	246	S3 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:23
S5	215	S4 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:24
S6	185	S4 and ((select\$4 combin\$4) near3 signal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 19:01
S7	2	("5697055"   "5850607").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 14:12
S8	6	("4737978"   "5101501"   "5267261"   "5278892"   "5305308"   "5640414").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 14:15
S9	783	(diversity adj reception).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 14:55

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S11	2	("5697055"   "5850607").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 14:52
S12	3	("5345600"   "5903826"   "6141392").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 14:53
S13	5	(diversity adj reception).ab. and ((select\$4 combin\$4) near2 signal) and (multiple near2 base)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 17:46
S14	12	(diversity adj reception).ab. and ((select\$4) near2 frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 15:30
S15	5	("5606569"   "5640414"   "5719871"   "6132306"   "6219550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 16:04
S16	665	diversity.ab. and (combin\$4 with (frame signal portion)) and (mean average)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 17:47
S17	152	diversity.ab. and ((combin\$4 with (frame signal portion)) same (mean average))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 17:47
S18	21	("4072956"   "4101836"   "4128740"   "4724441"   "4733402"   "4823136"   "5166693"   "5191598"   "5274844"   "5313660"   "5339086"   "5390342"   "5499397"   "5548835"   "5581260"   "5621770"   "5724666"   "5740526"   "5933787"   "5983118"   "6006113").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 18:17
S19	2320	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 19:00

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S20	1046	S19 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 19:01
S21	634	S20 and ((select\$4 combin\$4) near3 signal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 19:01
S22	12	("5068916" "5179559" "5293643"  "6041235" "6219550" "6493554" ).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 13:58
S23	12	("5068916" "5179559" "5293643"  "6041235" "6219550" "6493554" ).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 15:29
S24	0	S23 and (mean average) and combin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 15:29
S25	1	S23 and (mean average)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 15:30
S26	2	S23 and combin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 15:30
S27	147	714,751,701,746,756,758,786, 784,746.ccls. and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:49

## EAST Search History

S28	67	S27 and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:49
S29	41	S28 and frame	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:50
S30	39	S29 and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:52
S31	9	S27 and (averag\$4 with frame) and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:55
S32	18	S27 and ((averag\$4 add\$3) with frame) and (select\$4 choos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:14
S33	2639	space adj diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:14
S34	746	S33 and (averag\$4 mean) and select\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:15
S35	25	S34 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:23

## EAST Search History

S36	3338	370/328,230,324,529,40.2,41,43.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:23
S37	6	S36 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:24
S38	6	S37 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:24
S39	2447	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:24
S40	5	S39 and (site adj diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:24
S41	5	S40 and (select\$4 combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:25
S42	593	455/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:25
S43	1366	455/101,132,137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:27

## EAST Search History

S44	1580	455/101,132,137,273.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:27
S45	147	714/751,701,746,756,758,786, 784,746.ccls. and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:12
S46	2447	455/132-135,137,272,273,59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:12
S47	3338	370/328,230,324,529,40.2,41,43. 1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:13
S48	14	(S45 S46 S47) and (add\$3 with (mean averag\$3)) and diversity and (symbol same bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:36
S49	39	(S45 S46 S47) and (add\$3 with (mean averag\$3)) and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:36
S50	92	(S45 S46 S47) and (add\$3 with (mean averag\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:37
S51	39	S50 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:14



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S52	1537	(S45 S46 S47) and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:37
S53	39	S52 and (add\$3 with (mean averag\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:45
S54	119	S52 and (add\$3 with signals) and (averag\$4 with signals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:53
S55	1965	diversity and (add\$3 with signals) and (averag\$4 with signals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:52
S56	829	S55 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:48
S57	18	S52 and ((add\$3 with signals) same (averag\$4 with signals) same receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:55
S58	105	diversity and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:16
S59	4	diversity.ab. and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:48



## EAST Search History

S60	4	diversity.ab. and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:19
S61	7	(S45 S46 S47) and (compos\$3 same add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:19
S62	146	diversity.ab. and (add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:50
S63	54	S62 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:50
S64	146	diversity.ab. and (add\$3 same averag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:07
S65	54	S64 and \$5phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:53
S66	55	diversity.ab. and ((averag\$3 near2 signal) same combin\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:07
S67	49	S66 not S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:15

## EAST Search History

S68	2	ark adj maximum adj ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:15
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